

Comparisons of Job Characteristics

Focus Occupation: Crane and Tower Operators (53-7021)

Associated Occupation: Riggers (49-9096)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 87

Focus Occupation: Crane and Tower Operators (53-7021)

Associated Occupation: Riggers (49-9096)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Mechanical	6.8	15.1	14.8	0	Current knowledge level may be sufficient
Building and Construction	4.0	11.9	11.0	0	Current knowledge level may be sufficient
Design	5.2	10.7	5.4	<<	Extensive education and/or training may be required
Engineering and Technology	5.7	9.7	6.3	<<	Extensive education and/or training may be required
Production and Processing	6.0	9.7	5.1	<<	Extensive education and/or training may be required
Transportation	4.6	9.7	7.6	<	Expanded education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 79

Focus Occupation: Crane and Tower Operators (53-7021)

Associated Occupation: Riggers (49-9096)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Operation and Control	5.4	8.7	12.6	>>	Skill level is likely more than sufficient
Troubleshooting	4.5	6.7	8.2	>	Skill level is likely sufficient
Equipment Selection	3.3	6.6	5.8	<	A higher skill level may be required
Repairing	3.4	6.1	8.0	>	Skill level is likely sufficient
Equipment Maintenance	3.5	5.9	7.7	>	Skill level is likely sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 71			
Focus Occupation: Crane and Tower Operators (53-7021) Associated Occupation: Riggers (49-9096)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Visualization	7.5	11.0	8.4	<<	Extensive improvement in abilities may be required
Depth Perception	5.3	10.7	12.9	>	Current ability level is likely sufficient
Gross Body Equilibrium	3.2	8.1	6.1	<<	Extensive improvement in abilities may be required
Gross Body Coordination	3.9	7.5	4.4	<<	Extensive improvement in abilities may be required
Stamina	4.0	7.3	3.9	<<	Extensive improvement in abilities may be required
Glare Sensitivity	2.6	5.8	8.4	>>	Current ability level is likely more than sufficient
Spatial Orientation	2.7	5.8	8.5	>>	Current ability level is likely more than sufficient
Peripheral Vision	2.2	5.6	7.3	>	Current ability level is likely sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 82
Focus Occupation: Crane and Tower Operators (53-7021) Associated Occupation: Riggers (49-9096)		
Work Activities	Exclusivity of Activity	
Clean equipment or machinery	20	
Direct and coordinate activities of workers or staff	3	
Read work order, instructions, formulas, or processing charts	9	
Set up specialized rigging	82	
Signal directions or warnings to coworkers	42	
Use hand or power tools	2	

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated
Occupation: n/a

Focus Occupation: Crane and Tower Operators (53-7021)

Associated Occupation: Riggers (49-9096)

Tools and Technologies	Exclusivity
Tools and technology data is unavailable for one or both occupations.	

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.